

1 ABSTRACT OF THE DISCLOSURE

2 A system for locating an individual in a facility, the system comprising a
3 portable wireless transponder device borne by the individual; an interrogator; and
4 a plurality of antennas distributed in the facility, the antennas being selectively
5 separately connected to the interrogator, the interrogator when connected to any
6 of the antennas having a communications range covering less than the area of the
7 entire facility, the interrogator repeatedly transmitting a wireless command to the
8 portable wireless transponder device using alternating antennas, the portable
9 wireless transponder device transmitting data identifying the portable wireless
10 transponder device in response to a command if the portable wireless transponder
11 device is within communications range of the antenna sending the command,
12 ~~wherein~~ the individual is located by determining with which antenna the
13 interrogator was able to establish communications with the portable wireless
14 transponder device.